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MEMORANDUM TO THE FILE			
FROM:		23 August 1957	25X1A9A
SUBJECT: Investigation of Lack of Operating from 18 to 20	Grid Drive on HT-4 Tr Megacycles	an <i>s</i> mitters	
On 21 August 1957, the writer purpose of technically evaluating to extended range of 18 to 30 mcs. Duamplifier, while operating on these have been received from the field. concerning the basic reason for this determine what has been done in the with new tests being conducted.	the operation of HT-4 te to insufficient grid extended frequencies In an effort to arri- s condition and analy	d drive to the fina , many complaints we at a conclusion sis is being made t	1
A technical evaluation of the TU-55 (24 to 30 mcs) discloses impruting units will seldom tune above present in the exciter leads and the dition also exists in the lower ran It will be determined, as soon as perfectly between various tuning units and transfer to eliminate the simply redesigned to eliminate the simple	oper design of the LC 28 mcs, due to inhere to ratio of the double units, TU-55, althousible, what tuning cansmitters and whether	circuitry. TU-56 ent stray capacitan bler coils. This cough not as acutely variations exist the tuning units	on- •
On 22-August, the writer visit this problem. It was disclosed that through modification of the HT-4H fopinion that a redesign of the tunicircuitry is in order. We hope to days and can then determine whether carried out field-wise or etc.	t this organization is or TMC PMO operation. ng units plus a re-even have their Technical of	s aware of the prob They are of the aluation of the exc opinion within a fe	iter w
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